



ifw

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/689,103	
	Filing Date	October 20, 2003	
	First Named Inventor	Robert Thornberry	
	Art Unit	3743	
	Examiner Name		
Total Number of Pages in This Submission		Attorney Docket Number	50642/287726

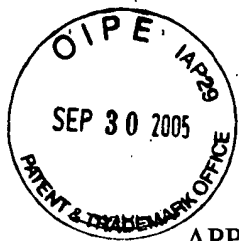
ENCLOSURES (check all that apply)				
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO/SB/08 (13 sheets) 2. 105 publications		
<table border="1"><tr><td>Remarks</td><td></td></tr></table>			Remarks	
Remarks				

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Catherine E. Fienning, Reg. No. 54,095
Signature	
Date	September 28, 2005

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Colleen Kadian		
Signature		Date	9/28/05

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Robert Thornberry, et al.

SERIAL NO.: 10/689,103 Group Art Unit: 3743

FILED: October 20, 2003 Examiner:

FOR: SURGICAL NAVIGATION SYSTEM COMPONENT
FAULT INTERFACES AND RELATED PROCESSES

Attorney Docket No.: 50642/287726

Date: September 28, 2005

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:


In accordance with Rules 56, 97 and 98 of the Rules of Practice in Patent Cases (37 C.F.R. §§ 1.56, 1.97, and 1.98), the publications listed on the enclosed Form PTO/SB/08 are cited for consideration by the Examiner. Copies of the cited non-U.S. publications and other material are enclosed.

Submission of the references provided in this Information Disclosure is not intended to constitute an admission that any reference referred to herein is prior art for this invention unless specially designated as such. Also, in accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

This Information Disclosure Statement is being filed pursuant to 37 C.F.R.

1.97(b), before the mailing date of an office action on the merits. Applicants believe that no fee is due for consideration of this paper. However, if a fee is due, the Commissioner is authorized to charge any fee due to Deposit Account No. 11-0855.

Respectfully submitted,


Catherine E. Fienning
Registration No. 54,095

KILPATRICK STOCKTON LLP
Suite 2800, 1100 Peachtree Street
Atlanta, Georgia 30309-4530
Phone (404) 815-6500



Substitute for form 1449A/PTO

**ADDITIONAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 13

Complete if Known

Application Number	10/689,103
Filing Date	October 20, 2003
First Named Inventor	Robert THORNBERRY
Art Unit	3743
Examiner Name	
Attorney Docket Number	50642/287726

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1.	US2001/0001120A1	05/10/2001	Masini	
	2.	US2001/0014772A1	08/16/2001	Lampotang, <i>et al.</i>	
	3.	US2001/0016745A1	08/23/2001	Bullivant, <i>et al.</i>	
	4.	US2001/0039421 A1	11/08/2001	Heilbrun, <i>et al.</i>	
	5.	US2002/0002330 A1	01/03/2002	Vilsmeier	
	6.	US2002/0002365A1	01/03/2002	Lechot	
	7.	US2002/0016540 A1	02/07/2002	Mikus, <i>et al.</i>	
	8.	US2002/0029041 A1	03/07/2002	Hover, <i>et al.</i>	
	9.	US2002/0038085A1	03/28/2002	Immerz	
	10.	US2002/0052606 A1	05/02/2002	Bonutti	
	11.	US2002/0065461A1	05/30/2002	Cosman	
	12.	US2002/0068942 A1	06/06/2002	Neubauer, <i>et al.</i>	
	13.	US2002/0072748 A1	06/13/2002	Robioneck	
	14.	US2002/0077540A1	06/20/2002	Kienzle, III	
	15.	US2002/077533 A1	06/20/2002	Bieger, <i>et al.</i>	
	16.	US2002/0085681 A1	07/04/2002	Jensen	
	17.	US2002/0087101A1	07/04/2002	Barrick, <i>et al.</i>	
	18.	US2002/0095081 A1	07/18/2002	Vilsmeier	
	19.	US2002/0107518 A1	08/08/2002	Neubauer, <i>et al.</i>	
	20.	US2002/011594A1	01/31/2002	DeSouza	
	21.	US2002/0133161 A1	09/19/2002	Axelson, <i>et al.</i>	
	22.	US2002/0133175 A1	09/19/2002	Carson	
	23.	US2002/0147455	10/10/2002	Carson	
	24.	US2002/0151898 A1	10/17/2002	Sohnngen, <i>et a.</i>	
	25.	US2002/0156371A1	10/24/2002	Hedlund, <i>et al.</i>	
	26.	US2002/0156479A1	10/24/2002	Schulzki, <i>et al.</i>	
	27.	US2002/0188194A1	12/12/2002	Cosman	
	28.	US2002/0193800 A1	12/19/2002	Kienzle, III, <i>et al.</i>	
	29.	US2002/0198531 A1	12/26/2002	Millard, <i>et al.</i>	
	30.	US2002/0198448A1	12/26/2002	Zuk, <i>et al.</i>	
	31.	US2002/0198451A1	12/26/2002	Carson	
	32.	US2003/0069591A1	04/10/2003	Carson	
	33.	US2003/0018338A1	01/23/2003	Axelson, Jr., <i>et al.</i>	
	34.	US2003/0045883A1	03/06/2003	Chow, <i>et al.</i>	
	35.	US2003/0153829 A1	08/14/2003	Sarin, <i>et al.</i>	
	36.	US2003/0153859	08/14/2003	Hinshon	
	37.	US2003/0153978A1	08/14/2003	Whiteside	

2112716

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

13

Complete if Known

Application Number

10/689,103

Filing Date

October 20, 2003

First Named Inventor

Robert THORNBERRY

Art Unit

3743

Examiner Name

Attorney Docket Number

50642/287726

38.	US2003/0164172 A1	09/04/2003	Chumas, et al.	
39.	US2003/0181918 A1	09/25/2003	Smothers, et al.	
40.	US2003/0187351 A1	10/02/2003	Franck, et al.	
41.	US2003/0187452 A1	10/02/2003	Smith et al.	
42.	US2003/192557 A1	10/16/2003	Krag, et al.	
43.	US2004/0019382	01/29/2004	Amirouche, et al.	
44.	US2004/0260290	12/23/2004	Zander et al.	
45.	US2005/0075632 A1	04/07/2005	Russell, et al.	
46.	US2005/0085822 A1	04/21/2005	Thornberry, et al.	
47.	1,076,971	10/28/1913	Geiger	
48.	1,201,467	10/17/1916	Hoglund	
49.	2,092,869	09/14/1937	Baum	
50.	3,412,733	11/26/1968	Ross	
51.	3,457,922	07/29/1969	Ray	
52.	3,702,611	11/14/1972	Fishbein	
53.	4,305,394	12/15/1981	Bertuch, Jr.	
54.	4,323,080	04/06/1982	Melhart	
55.	4,421,112	12/20/1983	Mains, et al.	
56.	4,457,307	07/03/1984	Stillwell	
57.	4,483,554	11/20/1984	Ernst	
58.	4,524,766	06/25/1985	Petersen	
59.	4,534,364	08/13/1985	Lamoreux	
60.	4,566,448	01/28/1986	Rohr, Jr.	
61.	4,567,885	02/04/1986	Androphy	
62.	4,567,886	02/04/1986	Petersen	
63.	4,712,951	12/15/1987	Brown	
64.	4,718,413	01/12/1988	Johnson	
65.	4,722,056	01/26/1988	Roberts, et al.	
66.	4,759,350	07/26/1988	Dunn, et al.	
67.	4,802,468	02/07/1989	Powlan	
68.	4,803,976	02/14/1989	Frigg, et al.	
69.	4,875,475	10/24/1989	Comte, et al.	
70.	4,892,093	01/09/1990	Zarnowski, et al.	
71.	4,913,163	04/03/1990	Roger, et al.	
72.	4,952,213	08/28/1990	Bowman, et al.	
73.	4,964,862	10/23/1990	Arms	
74.	5,002,545	03/26/1991	Whiteside, et al.	
75.	5,037,423	08/06/1991	Kenna	
76.	5,053,039	10/01/1991	Hofmann, et al.	
77.	5,078,719	01/07/1992	Schreiber	
78.	5,092,869	03/03/1992	Waldron	

2112716

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/689,103
Filing Date	October 20, 2003
First Named Inventor	Robert THORNBERRY
Art Unit	3743
Examiner Name	
Attorney Docket Number	50642/287726

Sheet 3 of 13

79.	5,116,338	05/26/1992	Poggie, <i>et al.</i>	
80.	5,122,144	06/16/1992	Bert, <i>et al.</i>	
81.	5,129,909	07/14/1992	Sutherland	
82.	5,190,547	03/02/1993	Barber, Jr., <i>et al.</i>	
83.	5,213,312	05/25/1993	MacDonald	
84.	5,217,499	06/08/1993	Shelley	
85.	5,230,338	07/27/1993	Allen, <i>et al.</i>	
86.	5,246,444	09/21/1993	Schreiber	
87.	5,254,119	10/19/1993	Schreiber	
88.	5,289,826	03/01/1994	Kovacevic	
89.	5,360,016	11/01/1994	Kovacevic	
90.	5,364,402	11/15/1994	Mumme, <i>et al.</i>	
91.	5,375,588	12/27/1994	Yoon	
92.	5,379,133	01/03/1995	Kirk	
93.	5,383,454	01/24/1995	Bucholz	
94.	5,389,101	02/14/1995	Heilbrun <i>et al.</i>	
95.	5,395,376	03/07/1995	Caspari, <i>et al.</i>	
96.	5,423,828	06/13/1995	Benson	
97.	5,425,355	06/20/1995	Kulick	
98.	5,449,360	09/12/1995	Schreiber	
99.	5,462,548	10/31/1995	Pappas, <i>et al.</i>	
100.	5,462,549	10/31/1995	Glock	
101.	5,468,244	11/21/1995	Attfield, <i>et al.</i>	
102.	5,470,354	11/28/1995	Hershberger, <i>et al.</i>	
103.	5,474,559	12/12/1995	Bertin, <i>et al.</i>	
104.	5,486,178	01/23/1996	Hodge	
105.	5,490,854	02/13/1996	Fisher, <i>et al.</i>	
106.	5,491,510	02/13/1996	Gove	
107.	5,507,824	04/16/1996	Lennox	
108.	5,514,139	05/07/1996	Goldstein, <i>et al.</i>	
109.	5,517,990	05/21/1996	Kalfas, <i>et al.</i>	
110.	5,540,691	07/30/1996	Elmstrom, <i>et al.</i>	
111.	5,540,695	07/30/1996	Levy	
112.	5,540,696	07/30/1996	Booth, Jr., <i>et al.</i>	
113.	5,569,260	10/29/1996	Petersen	
114.	5,597,379	01/28/1997	Haines, <i>et al.</i>	
115.	5,598,269	01/28/1997	Kitaevich, <i>et al.</i>	
116.	5,603,318	02/18/1997	Heilbrun, <i>et al.</i>	
117.	5,613,969	03/25/1997	Jenkins, Jr.	
118.	5,643,268	07/01/1997	Vilsmeier, <i>et al.</i>	
119.	5,643,272	07/01/1997	Haines, <i>et al.</i>	

2112716

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

**ADDITIONAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

4

of

13

Complete if Known

Application Number

10/689,103

Filing Date

October 20, 2003

First Named Inventor

Robert THORNBERRY

Art Unit

3743

Examiner Name

Attorney Docket Number

50642/287726

120.	5,658,290	08/19/1997	Lechot	
121.	5,669,914	09/23/1997	Eckhoff	
122.	5,676,668	10/14/1997	McCue, et al.	
123.	5,682,886	11/04/1997	Delp, et al.	
124.	5,695,501	12/09/1997	Carol, et al.	
125.	5,702,406	12/30/1997	Vilsmeier, et al.	
126.	5,707,370	01/13/1998	Berki, et al.	
127.	5,709,689	01/20/1998	Ferrante, et al.	
128.	5,715,836	02/10/1998	Kliegis, et al.	
129.	5,716,361	02/10/1998	Masini	
130.	5,720,752	02/24/1998	Elliott, et al.	
131.	5,722,978	03/03/1998	Jenkins, Jr.	
132.	5,733,292	05/31/1998	Gustilo, et al.	
133.	5,735,904	04/07/1998	Pappas	
134.	5,743,915	04/28/1998	Bertin, et al.	
135.	5,748,767	05/05/1998	Raab	
136.	5,755,725	05/26/1998	Druais	
137.	5,755,803	05/26/1998	Haines, et al.	
138.	5,769,861	06/23/1998	Vilsmeier	
139.	5,772,593	06/30/1998	Hakamata	
140.	5,772,594	06/30/1998	Barrick	
141.	5,776,064	07/07/1998	Kalfas, et al.	
142.	5,782,842	07/21/1998	Kloess, et al.	
143.	5,792,147	08/11/1998	Evans, et al.	
144.	5,799,055	08/25/1998	Peshkin, et al.	
145.	5,800,352	09/01/1998	Ferre, et al.	
146.	5,800,438	09/01/1998	Tuke, et al.	
147.	5,807,252	09/15/1998	Hassfeld, et al.	
148.	5,810,827	09/22/1998	Haines, et al.	
149.	5,810,841	09/22/1998	McNeirney, et al.	
150.	5,817,097	10/06/1998	Howard, et al.	
151.	5,836,954	11/17/1998	Heilbrun, et al.	
152.	5,848,967	12/15/1998	Cosman	
153.	5,850,836	12/22/1998	Steiger, et al.	
154.	5,860,981	01/19/1999	Bertin, et al.	
155.	5,865,809	02/02/1999	Moening, et al.	
156.	5,871,018	02/16/1999	Delp, et al.	
157.	5,871,445	02/16/1999	Bucholz	
158.	5,879,352	03/09/1999	Filoso, et al.	
159.	5,879,354	03/09/1999	Haines, et al.	
160.	5,880,976	03/09/1999	DiGioia III, et al.	

2112716

Examiner
Signature

Date

Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 5 of 13

Complete if Known

Application Number	10/689,103
Filing Date	October 20, 2003
First Named Inventor	Robert THORNBERRY
Art Unit	3743
Examiner Name	
Attorney Docket Number	50642/287726

161.	5,885,296	03/23/1999	Masini	
162.	5,885,297	03/23/1999	Matsen, III	
163.	5,916,221	06/29/1999	Hodorek, et al.	
164.	5,920,395	07/06/1999	Schulz	
165.	5,921,992	07/13/1999	Costales, et al.	
166.	5,925,049	07/20/1999	Gustilo, et al.	
167.	5,935,128	08/10/1999	Carter, et al.	
168.	5,938,665	08/17/1999	Martin	
169.	5,944,722	08/31/1999	Masini	
170.	5,947,973	09/07/1999	Masini	
171.	5,951,561	09/14/1999	Pepper, et al.	
172.	5,957,926	09/28/1999	Masini	
173.	5,961,523	10/05/1999	Masini	
174.	5,971,989	10/26/1999	Masini	
175.	5,980,526	11/09/1999	Johnson, et al.	
176.	5,999,837	12/07/1999	Messner, et al.	
177.	6,001,106	12/14/1999	Ryan, et al.	
178.	6,002,859	12/14/1999	DiGioia III, et al.	
179.	6,006,126	12/21/1999	Cosman	
180.	6,007,537	12/28/1999	Burkinshaw, et al.	
181.	6,010,506	01/04/2000	Gosney, et al.	
182.	6,011,987	01/04/2000	Barnett	
183.	6,016,606	01/25/2000	Oliver, et al.	
184.	6,021,342	02/01/2000	Brabrand	
185.	6,021,343	02/01/2000	Foley, et al.	
186.	6,022,377	02/08/2000	Nuelle, et al.	
187.	6,026,315	02/15/2000	Lenz, et al.	
188.	6,030,391	02/29/2000	Brainard, et al.	
189.	6,033,410	03/07/2000	McLean, et al.	
190.	6,041,249	03/21/2000	Regn	
191.	6,044,291	03/28/2000	Rockseisen	
192.	6,050,724	04/18/2000	Schmitz, et al.	
193.	6,053,922	04/25/2000	Krause, et al.	
194.	6,056,756	05/02/2000	Eng, et al.	
195.	6,068,633	05/30/2000	Masini	
196.	6,069,932	05/30/2000	Peshkin, et al.	
197.	6,077,269	06/20/2000	Masini	
198.	6,081,336	06/27/2000	Messner, et al.	
199.	6,083,163	07/04/2000	Wegner, et al.	
200.	6,102,916	08/15/2000	Masini	
201.	6,132,433	10/17/2000	Whelan	

2112716

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

6

of

13

Complete if Known

Application Number

10/689,103

Filing Date

October 20, 2003

First Named Inventor

Robert THORNBERRY

Art Unit

3743

Examiner Name

Attorney Docket Number

50642/287726

202.	6,143,390	11/07/2000	Takamiya, et al.	
203.	6,144,875	11/07/2000	Schweikard, et al.	
204.	6,146,390	11/14/2000	Heilbrun, et al.	
205.	6,148,280	11/14/2000	Kramer	
206.	6,161,033	12/12/2000	Kuhn	
207.	6,162,190	12/19/2000	Kramer	
208.	6,165,181	12/26/2000	Heilbrun, et al.	
209.	6,167,292	12/26/2000	Badano, et al.	
210.	6,167,295	12/26/2000	Cosman	
211.	6,167,296	12/26/2000	Shahidi	
212.	6,168,627 B1	01/02/2001	Huebner	
213.	6,185,315 B1	02/06/2001	Schmucker, et al.	
214.	6,187,010 B1	02/13/2001	Masini	
215.	6,190,320 B1	02/20/2001	Lelong	
216.	6,190,395 B1	02/20/2001	Williams	
217.	6,195,168 B1	02/27/2001	De Lega, et al.	
218.	6,197,064	03/06/2001	Haines, et al.	
219.	6,198,794 B1	03/06/2001	Peshkin, et al.	
220.	6,200,316 B1	03/13/2001	Zwirkoski, et al.	
221.	6,205,411	03/20/2001	DiGioia, III, et al.	
222.	6,211,976 B1	04/03/2001	Popovich, et al.	
223.	6,214,011 B1	04/10/2001	Masini	
224.	6,216,029 B1	04/10/2001	Paltiel	
225.	6,223,067 B1	04/24/2001	Vilsmeier, et al.	
226.	6,226,548 B1	05/01/2001	Foley, et al.	
227.	6,228,090 B1	05/08/2001	Waddell	
228.	6,235,038 B1	05/22/2001	Hunter, et al.	
229.	6,236,875 B1	05/22/2001	Bucholz, et al.	
230.	6,241,735 B1	06/05/2001	Marmulla	
231.	6,249,581 B1	06/19/2001	Kok	
232.	6,258,095 B1	07/10/2001	Lombardo, et al.	
233.	6,258,096 B1	07/10/2001	Seki	
234.	6,264,647 B1	07/24/2001	Lechot	
235.	6,283,971 B1	09/04/2001	Temeles	
236.	6,285,902 B1	09/04/2001	Kienzle, III, et al.	
237.	6,317,616 B1	11/13/2001	Glossop	
238.	6,332,891 B1	12/25/2001	Himes	
239.	6,333,971 B2	12/25/2001	McCrary, et al.	
240.	6,344,853 B1	02/05/2002	Knight	
241.	6,347,240 B1	02/12/2002	Foley, et al.	
242.	6,351,659 B1	02/26/2002	Vilsmeier	
243.	6,351,661 B1	02/26/2002	Cosman	

2112716

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 7 of 13

Complete if Known

Application Number	10/689,103
Filing Date	October 20, 2003
First Named Inventor	Robert THORNBERRY
Art Unit	3743
Examiner Name	
Attorney Docket Number	50642/287726

244.	6,377,839 B1	04/23/2002	Kalfas, <i>et al.</i>	
245.	6,385,475	05/07/2002	Cinquin, <i>et al.</i>	
246.	6,405,072 B1	06/11/2002	Cosman	
247.	6,413,261 B1	07/02/2002	Grundeir	
248.	6,434,507 B1	08/13/2002	Clayton, <i>et al.</i>	
249.	6,440,140 B2	08/27/2002	Bullivant, <i>et al.</i>	
250.	6,451,059 B1	09/17/2002	Janas, <i>et al.</i>	
251.	6,458,135 B1	10/01/2002	Harwin, <i>et al.</i>	
252.	6,468,202 B1	10/22/2002	Irion, <i>et al.</i>	
253.	6,477,400	11/ 05/2002	Barrick	
254.	6,478,799	11/12/2002	Williamson	
255.	6,490,467 B1	12/03/2002	Bucholz, <i>et al.</i>	
256.	6,491,429 B1	12/10/2002	Suhm	
257.	6,491,702 B2	12/10/2002	Heilbrun, <i>et al.</i>	
258.	6,503,249	01/ /2003	Krause, William R.	
259.	6,503,254 B2	01/07/2003	Masini	
260.	6,527,443 B1	03/04/2003	Vilsmeier, <i>et al.</i>	
261.	6,540,739 B2	04/01/2003	Lechot	
262.	6,546,279 B1	04/08/2003	Bova, <i>et al.</i>	
263.	6,551,319 B2	04/22/2003	Lieberman	
264.	6,551,324 B2	04/22/2003	Muller	
265.	6,551,325 B2	04/22/2003	Neubauer, <i>et al.</i>	
266.	6,558,391 B2	05/06/2003	Axelsson, Jr., <i>et al.</i>	
267.	6,558,421	05/06/2003	Fell, <i>et al.</i>	
268.	6,567,687 B2	05/20/2003	Front, <i>et al.</i>	
269.	6,574,493 B2	06/03/2003	Rasche, <i>et al.</i>	
270.	6,595,997 B2	07/22/2003	Axelsson, Jr., <i>et al.</i>	
271.	6,602,259 B1	08/05/2003	Masini	
272.	6,620,268	09/16/2003	Cho, <i>et al.</i>	
273.	6,640,127 B1	10/28/2003	Kosaka, <i>et al.</i>	
274.	6,652,142 B2	11/25/2003	Launay, <i>et al.</i>	
275.	6,662,036 B2	12/09/2003	Cosman	
276.	6,673,077 B1	01/06/2004	Katz	
277.	6,685,711	02/03/2004	Axelsson, Jr., <i>et al.</i>	
278.	6,692,447 B1	02/17/2004	Picard	
279.	6,695,848	02/24/2004	Haines	
280.	6,702,821	03/09/2004	Bonutti	
281.	6,711,431 B2	03/23/2004	Sarin, <i>et al.</i>	
282.	6,712,823 B2	03/30/2004	Grusin, <i>et al.</i>	
283.	6,712,824 B2	03/30/2004	Millard, <i>et al.</i>	
284.	6,716,249 B2	04/06/2004	Hyde	

2112716

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

8

of

13

Complete if Known

Application Number

10/689,103

Filing Date

October 20, 2003

First Named Inventor

Robert THORNBERRY

Art Unit

3743

Examiner Name

Attorney Docket Number

50642/287726

285.	6,725,082	04/20/2004	Sati, <i>et al.</i>	
286.	6,780,190 B2	08/24/2004	Maroney	
287.	6,827,723 B2	12/07/2004	Carson	

2112716

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

9

of

13

Complete if Known

Application Number

10/689,103

Filing Date

October 20, 2003

First Named Inventor

Robert THORNBERRY

Art Unit

3743

Examiner Name

Attorney Docket Number

50642/287726

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ² - Number ⁴ - Kind Code ³ (if known)				
	288.	WO 94/17733	08/18/1994	WIPO		
	289.	WO 95/15714	06/15/1995	WIPO		
	290.	WO 96/35387	11/14/1996	WIPO		
	291.	WO 97/16129	05/09/1997	WIPO		
	292.	WO 97/23172	07/03/1997	WIPO		
	293.	WO 98/46169	10/22/1998	WIPO		
	294.	WO 98/29032	07/09/1998	WIPO		
	295.	WO 99/15097	04/01/1999	WIPO		
	296.	WO 99/27860	06/10/99	WIPO		
	297.	WO 99/60939	12/02/1999	WIPO		
	298.	WO 99/65380	12/23/1999	WIPO		
	299.	WO 00/00093	01/06/2000	WIPO		Abstr
	300.	WO 00/21442	04/20/2000	WIPO		
	301.	WO 00/47103	08/17/2000	WIPO		
	302.	WO 00/64367	11/02/2000	WIPO		
	303.	WO 01/01845 A2	01/11/2001	WIPO		
	304.	WO 01/19271 A2	03/22/2001	WIPO		
	305.	WO 01/64124 A1	09/07/2001	WIPO		
	306.	WO 01/67979 A1	09/20/2001	WIPO		
	307.	WO 01/93770 A1 = PCT/GB01/02523	12/13/2001	WIPO		
	308.	WO 01/91647 A1	12/06/2001	WIPO		Abstr
	309.	WO 02/041794 A1	05/30/2002	WIPO		
	310.	WO 02/063236 A1 & A3	08/2002	WIPO		
	311.	WO 02/064042	08/22/02	WIPO		
	312.	WO 02/067783	09/06/2002	WIPO		
	313.	WO 02/067784	09/06/2002	WIPO		
	314.	WO 02/067800	09/06/2002	WIPO		
	315.	WO 02/080824 A1	10/17/2002	WIPO		
	316.	WO 03/034933 A1	05/01/2003	WIPO		
	317.	WO 03/041566 A2	05/22/2003	WIPO		
	318.	WO 03/065949A2	08/14/2003	WIPO		
	319.	WO 03/075740 A2	09/18/2003	WIPO		
	320.	WO 03/079940	10/02/2003	WIPO		
	321.	WO 03/096870 A2	11/27/2003	WIPO		Abstr
	322.	WO 2004/001569 A2	12/31/2003	WIPO		
	323.	WO 04/046754 A2	06/03/2004	WIPO		
	324.	WO 2005/039430 A2	05/06/2005	WIPO		

2112716

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	10	of	13
-------	----	----	----

Complete if Known

<i>Application Number</i>	10/689,103
---------------------------	-------------------

Filing Date	October 20, 2003
--------------------	-------------------------

First Named Inventor **Robert THORNBERRY**

<i>Art Unit</i>	3743
-----------------	-------------

Examiner Name

Attorney Docket Number	50642/287726
------------------------	--------------

[illegible]

2112716

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 11 of 13

Complete if Known

Application Number	10/689,103
Filing Date	October 20, 2003
First Named Inventor	Robert THORNBERRY
Art Unit	3743
Examiner Name	
Attorney Docket Number	50642/287726

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	351.	Barnes, <i>et al.</i> , "Unicompartmental Knee Arthroplasty," <i>Bombay Hospital Journal</i> , Issue Special, pp. 1-5, www.bhj.org/journal/1996/3803_july/special_486.htm	
	352.	Bonutti, <i>et al.</i> , "Minimal Incision Total Knee Arthroplasty Using the Suspended Leg Technique," <i>Orthopedics</i> , (published September 2003), 6 pages http://www.orthobluejournal.com/0903/9tips.asp	
	353.	Bonutti, "Total Joint Replacement Surgery in the 21 st Century – New 'Limited-Incision' Total Knee Replacement Offers Important Advantages," 01 page (undated)	
	354.	Croitoru, <i>et al.</i> , "Fixation-Based Surgery: A New Technique for Distal Radius Osteotomy," <i>Clinical Paper, Computer Aided Surgery</i> 2001, 160-169, Vol. 6 (2001)	
	355.	Delp, <i>et al.</i> , "Computer-Assisted Knee Replacement," <i>Clinical Orthopaedics and Related Research</i> , 354:49-56 (1998)	
	356.	Deluzio, <i>et al.</i> , "Static alignment and the adduction moment in unicompartmental arthroplasty patients," Presented at NACOB 98: North American Congress on Biomechanics, University of Waterloo, Ontario, Canada, August 14-18, 1998	
	357.	DiGioia, <i>et al.</i> , "Computer Assisted Orthopedic Surgery," <i>Clinical Orthopaedics and Related Research</i> , September 1998, Volume 354, pp. 8-16	
	358.	Ellis, <i>et al.</i> , "A Surgical Planning and Guidance System for High Tibial Osteotomy," <i>Journal of Computer-Assisted Surgery</i> , 4(5):264-274 (1999)	
	359.	Foley, <i>et al.</i> , "Percutaneous pedicle screw fixation of the lumbar spine," <i>Neurosurg. Focus</i> , Vol. 10(4), pp. 1-8 (2001)	
	360.	Glossop, http://www.traxta.com/papers/cua/model.html , 8 pages (02/06/2002)	
	361.	Iyun, <i>et al.</i> , "Planning and Performing the Ilizarov Method with the Taylor Spatial Frame," Abstract, at 2 nd Annual Meeting of International Society for Computer Assisted Orthopaedic Surgery, June 21, 2002, pp. 145-147	
	362.	Kanade, <i>et al.</i> , "Image-Based Computer Assisted Orthopedic Surgery System," Bonecraft, Inc., 12 pages, April 30, 2001	
	363.	Kiefer, <i>et al.</i> , "Computer Aided Knee Arthroplasty Versus Conventional Technique – First Results," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzerland, Feb. 8-10, 2001	
	364.	Kunz, <i>et al.</i> , "Development and Verification of a Non-CT Based Total Knee Arthroplasty System for the LCS Prosthesis," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzerland, Feb. 8-10, 2001	

2112716

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO

ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 12 of 13

Complete if Known

Application Number	10/689,103
Filing Date	October 20, 2003
First Named Inventor	Robert THORNBERRY
Art Unit	3743
Examiner Name	
Attorney Docket Number	50642/287726

365.	Munoz, <i>et al.</i> , "Computer Assisted Planning of Hig Tibial Osteotomy for the Treatment of Knee Osteoarthritis," http://www.utc.fr/esb/esb09/abs_htm/570.html (02/21/2002) (three pages)	
366.	Picard, <i>et al.</i> , "Kneenav.TKR: Concept and Clinical Application," Computer Assisted Orthopedic Surgery USA 2000 Meeting, Pittsburgh, PA., June 15-17, 2000	
367.	Saragaglia, <i>et al.</i> , "Computer Assisted Total Knee Arthroplasty: Comparison with a Conventional Procedure. Results of a 50 Cases Prospective Randomized Study," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzerland, Feb. 8-10, 2001	
368.	Simon, <i>et al.</i> , "The Fundamentals of Virtual Fluoroscopy," Medtronic Surgical Navigation Technologies, Medtronic, pp. 57-66, Computer Assisted Orthopedic Surgery USA 2000 Meeting, Pittsburgh, PA, June 15-17, 2000	
369.	Sugano, <i>et al.</i> , "Medical Robotics and Computer-Assisted Surgery in the Surgical Treatment of Patients and Rheumatic Diseases," <i>Cutting Edge Reports</i> , http://www/rheuma21st.com/archives/cutting_edge_Robotics_Japan.html (04/27/2000)	
370.	Suhm, <i>et al.</i> , "Adapting the C-Arm Fluoroscope for Image Guided Orthopaedic Surgery," <i>CAOS</i> , pp. 212-214 (2002)	
371.	Tenbusch, <i>et al.</i> , "First Results Using the Robodoc® System for Total Knee Replacement," First Annual Meeting of the International Society for Computer Assisted Orthopedic Surgery, Davos, Switzerland, Feb. 8-10, 2001	
372.	Valstar, <i>et al.</i> , "Towards computer-assisted surgery in should joint replacement," <i>ISPRS Journal of Photogrammetry & Remote Sensing</i> , 56:326-337 (2002)	
373.	Stryker Navigation System brochure entitled "...best alignment for gap kinematics," 6 pages (2001)	
374.	BrainLAB Brochure entitled "ORTHO...YOUR PARTNER FOR THE FUTURE" pp. 1-28 (2002)	
375.	Patent Abstracts of Japan, vol. 2002, no. 05, 03 May 2002 & JP 2002 017740A (Ochi Takahiro; Yonenobu Sakuo: MMT:KK) 22 January 2002 Abstract	
376.	iON™ Smith & Nephew Orthopaedics Brochure entitled "You'll Never Look At Your Patients The Same Way Again." 10 pages (January 2001)	
377.	Smith & Nephew - Orthopaedics - TriGen Reducer http://www.smithnephew.com/US/Standard.asp?NodeID=2996 , one page (01/21/03)	
378.	Smith & Nephew - Orthopaedics - TriGen Flexible Reamer System http://www.smithnephew.com/US/Standard.asp?NodeID=2998 , 02 pages (01/21/03)	
379.	AO Development Institute "MEPUC Motorized Exact Positioning Unit..." one page (03/26/03) http://www.ao-asif.ch/development/adi/examples/mepuc.shtml	

2112716

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
ADDITIONAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/689,103
				Filing Date	October 20, 2003
				First Named Inventor	Robert THORNBERRY
				Art Unit	3743
				Examiner Name	
Sheet	13	of	13	Attorney Docket Number	50642/287726

380.	AO Development Institute "MEPUC Motorized Exact Positioning Unit for C-arm," one page (07/07/03) http://www.ao-asif.ch/development/adi/examples/mepuc.shtml	
381.	Smith & Nephew – Orthopaedics – CAS – Knees "Computer Assisted Total Knee Replacement Surgery, 02 pages (10/13/2004) http://ortho.smith-nephew.com/us/Standard.asp?NodeId=3396	
382.	Smith & Nephew ORTHOPAEDIC product bulletin , 01 page	
383.	Smith & Nephew Brochure entitled "Surgical Technique Mini Incision Hip Posterior Approach," 20 pages (03/03)	
384.	TRICON TOTAL KNEE SYSTEM, "TRICON-M® with PRO-FIT™ Surgical Procedures," RICHARDS Brochure, pp. 1-29 (undated)	
385.	SMITH & NEPHEW RICHARDS GENESIS® TOTAL KNEE SYSTEM, "REVISION POSTERIOR REFERENCING INSTRUMENTAION SURGICAL TECHNIQUE," Brochure, pp. 1-51 (12/1993)	
386.	SMITH & NEPHEW RICHARDS GENESIS® "TOTAL KNEE SYSTEM PRIMARY SURGICAL TECHNIQUE ANTERIOR REFERENCING INSTRUMENTATION," PP. 59 (12/1993)	
387.	SMITH & NEPHEW GENESIS II "TOTAL KNEE SYSTEM PRIMARY SURGICAL TECHNIQUE," Brochure, pp. 1-36 (03/2001)	
388.	Smith & Nephew First Choice in Orthopaedics Brochure Entitled "ACHIEVE Computer Assisted Surgery Trauma Applications The Orbiter Base Station & Satellite Surgical Platform," 18 pages (undated)	
389.	Medtronic Surgical Navigation Technologies SNT VERTEK photograph, one page (undated)	
390.	Medtronic Surgical Navigation Technologies System Components photograph VERTEK PLATFORM, one page (undated)	
391.	Medtronic Surgical Navigation Technologies "Overview Image-Guided Surgery An Advanced Solution to Traditional Surgery," two pages (undated)	
392.	BONECRAFT CARNEGIE MELLON COMPUTER-AIDED BONE DEFORMITY CORRECTION Brochure, pp 1-5 (undated)	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the

2112716

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.